EXHIBIT C

United States v. Alexander
Analysis of Lost Future Earnings

Plaintiff's Birthdate		6/3/03
Start Date of Losses		6/3/21
Present Value Date		8/13/21
Discount rate	[4]	5.0%

		Earnings Assumptions		
		Projected College Age 18 - 22	Projected Career Age 22+	Actual
Expected Worklife (years)	[1]	N/A	58.5	47.5
End Date of Worklife			12/3/61	12/3/50
Base Earnings	[2]	$ 13,980	$ 47,290	$ 23,740
Benefits as % of Earnings	[3]	10.4%	45.4%	10.4%
Inflation rate	[5]	2.8%	2.3%	2.8%

	Period	Age at Period End [1]	Projected Lost Wages [2]	+	Benefits [3]	=	Total Lost Earnings	Actual Wages and Benefits [2] [3]	Earnings Differential	x	PV Factor [4]	=	PV of Earnings Differential	PV of Cumulative Earnings Differential
1	2021	18.6	$ 8,077		$ 840		$ 8,917	$ 15,142	$ (6,225)		1.00		$ (6,198)	$ (6,198)
2	2022	19.6	14,367		1,493		15,860	24,397	(8,537)		0.96		(8,175)	(14,373)
3	2023	20.6	14,764		1,535		16,299	25,072	(8,773)		0.91		(8,002)	(22,374)
4	2024	21.6	15,173		1,577		16,750	25,765	(9,015)		0.87		(7,832)	(30,207)
5	2025	22.6	51,798		23,506		75,304	26,478	48,825		0.83		40,393	10,186
6	2026	23.6	52,990		24,047		77,037	27,211	49,827		0.79		39,258	49,444
7	2027	24.6	54,210		24,601		78,811	27,964	50,848		0.75		38,155	87,599
8	2028	25.6	55,459		25,167		80,626	28,737	51,888		0.71		37,087	124,685
9	2029	26.6	56,735		25,747		82,482	29,532	52,950		0.68		36,038	160,723
10	2030	27.6	58,042		26,339		84,381	30,349	54,032		0.65		35,023	195,747
11	2031	28.6	59,378		26,946		86,324	31,189	55,135		0.62		34,037	229,783
12	2032	29.6	60,745		27,566		88,311	32,052	56,259		0.59		33,081	262,864
13	2033	30.6	62,144		28,201		90,344	32,939	57,406		0.56		32,144	295,008
14	2034	31.6	63,574		28,850		92,424	33,850	58,574		0.53		31,236	326,245
15	2035	32.6	65,038		29,514		94,552	34,786	59,766		0.51		30,354	356,599
16	2036	33.6	66,535		30,194		96,729	35,749	60,980		0.48		29,500	386,099
17	2037	34.6	68,067		30,889		98,956	36,738	62,218		0.46		28,662	414,761
18	2038	35.6	69,634		31,600		101,235	37,754	63,480		0.44		27,851	442,611
19	2039	36.6	71,238		32,328		103,565	38,799	64,767		0.42		27,062	469,673
20	2040	37.6	72,878		33,072		105,950	39,872	66,078		0.40		26,298	495,971
21	2041	38.6	74,556		33,833		108,389	40,975	67,414		0.38		25,549	521,520
22	2042	39.6	76,272		34,612		110,885	42,109	68,776		0.36		24,824	546,345
23	2043	40.6	78,028		35,409		113,438	43,274	70,164		0.34		24,119	570,464
24	2044	41.6	79,825		36,225		116,049	44,471	71,578		0.33		23,437	593,900
25	2045	42.6	81,663		37,059		118,721	45,702	73,020		0.31		22,767	616,668
26	2046	43.6	83,543		37,912		121,455	46,966	74,489		0.30		22,119	638,787
27	2047	44.6	85,466		38,785		124,251	48,265	75,986		0.28		21,489	660,276
28	2048	45.6	87,434		39,678		127,112	49,601	77,511		0.27		20,880	681,156
29	2049	46.6	89,447		40,591		130,038	50,973	79,065		0.26		20,281	701,437
30	2050	47.6	91,506		41,526		133,032	48,309	84,723		0.24		20,698	722,135
31	2051	48.6	93,613		42,482		136,095	-	136,095		0.23		31,665	753,800
32	2052	49.6	95,768		43,460		139,228	-	139,228		0.22		30,855	784,655
33	2053	50.6	97,973		44,460		142,434	-	142,434		0.21		30,059	814,714
34	2054	51.6	100,229		45,484		145,713	-	145,713		0.20		29,286	844,000
35	2055	52.6	102,537		46,531		149,068	-	149,068		0.19		28,534	872,534
36	2056	53.6	104,897		47,602		152,500	-	152,500		0.18		27,805	900,339
37	2057	54.6	107,313		48,698		156,011	-	156,011		0.17		27,087	927,425
38	2058	55.6	109,783		49,820		159,603	-	159,603		0.17		26,391	953,816
39	2059	56.6	112,311		50,967		163,278	-	163,278		0.16		25,713	979,529
40	2060	57.6	114,897		52,140		167,037	-	167,037		0.15		25,055	1,004,584
41	2061	58.5	108,400		49,192		157,592	-	157,592		0.14		22,553	1,027,137
		Grand Totals	$ 3,016,309		$ 1,350,476		$ 4,366,785	$ 1,075,020	$ 3,291,765				$ 1,027,137	

Notes:

[1]
Median worklife expectancy for women: a) With no diploma and no GED at the age of 18 = 47.50 years; b) With bachelor's degree at the age of 22 = 58.5 years (The Markov Process Model of Labor Force Activity: Extended Tables of Central Tendency, Shape, Percentile Points, and Bootstrap Standard Errors Gary R. Skoog, James E. Ciecka and Kurt V. Krueger, Table 21 & 25)

[2]
Actual Wages are calculated based upon the national median wage for Waiter and Watresses. (Burea of Labor Statistics, Occupational Employment and Wage Statistics (OEWS) Survey, May 2020.) Note: Earnings the federal minimum wage of $7.25 per hour, working 50 weeks per year, at 40 hours per week equates to annual earnings of $14,500.
Projected Lost Wages during years at college are based upon part-time work (20 hours per week, 50 weeks per year) earning the median wage of $13.98 per hour for Fast Food and Counter Workers in California. Career wages are based upon the median annual wage $47,290 for all occupations in California (Burea of Labor Statistics, May 2020 State Occupational Employment and Wage Estimates, California)

[3]
Actual Benefits are based upon legally required benefits (social security, medicare, etc.) for civilian workers. These benefits are also applied to Projected College Earnings. Projected Career benefits are based upon total benefits (paid leave, insurance, retirement, legally required) for civilian workers (Burea of Labor Statistics, Employer Costs for Employee Compensation, March 2021, Table 1. Employer Costs for Employee Compensation by ownership)

[4]
Represents the midpoint of the range of discount rates (3% - 7%) recommended for child maltreatment matters (The Economic Burden of Child Maltreatment in the United States And Implications for Prevention, Xiangming Fang, Derek S. Brown, Curtis Florence, and James A. Mercy, February 2012)

[5]
Wage inflation for actual earnings based upon the compounded growth rate of national median wages for Waiters and Waitresses between 2011 and 2020. (Burea of Labor Statistics, Occupational Employment and Wage Statistics (OEWS) Survey, May 2020.) This growth rate is also applied to Projected College Earnings.
Wage inflation for Projected Career Earnings based upon the compounded growth rate of all occupations in California from 2011 to 2020. (Burea of Labor Statistics, State Occupational Employment and Wage Estimates, California.)